



02/04/05

EL 984 915 455 US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

**Oswald and Green**

Serial No.: **09/552,576**

Filing Date: **April 19, 2000**

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Examiner: **Barry, C.**

Art Unit: **1724**

Docket No.: **B215 1010.1**  
**(Formerly 9840-041-999)**

For: **Method and Apparatus to Establish and Optimize Sedimentation and Methane Fermentation in Primary Wastewater Ponds**

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

**UNDER 37 C.F.R. §1.97(i)**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

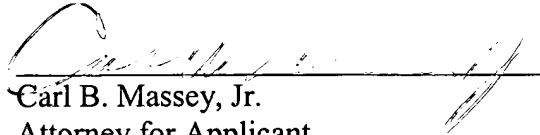
Applicants request that the references listed on the attached Form PTO-1449 be placed in the file of the above-captioned patent application. Copies of items D1 through D22 are enclosed.

Applicants note that the enclosed copy of Document D19, "Evaluation and Report of Biomass to Energy Conversion Proposal by Livestock Systems Management, Swanson Oswald Associates, Inc.," is missing what appears to be the original page 5. Although the missing information is not believed to be any more relevant than that otherwise presented in the document, Applicants wish to call attention to this presently unavoidable omission. Applicants are continuing to seek a complete copy of the reference and will supply the same promptly, when/if the page is located.

Although it is not believed that any additional fees are due, the undersigned hereby authorizes the Director to charge any fees that may be due to Deposit Account No. 09-0528. This document is provided in duplicate for accounting purposes.

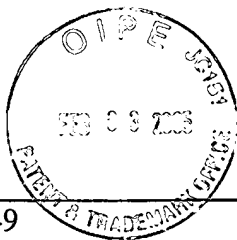
Respectfully submitted,

Date: Feb 3, 2005

  
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Attorney Docket No. B215 1010.1  
(Formerly 9840-041-999)

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EL 984 915 455 US

Sheet 1 of 3

Form PTO-1449  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Attorney Docket No. B215 1010.1	Serial No. 09/552,576
	Applicant Oswald and Green	
	Filing Date April 19, 2000	Group 1724

## U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	D1	Dugan, G.L. and Oswald, William J. (1968). "Mechanisms of Anaerobic Waste Treatment." Presented at the Symposium on Potato Waste Treatment, University of Idaho, (March 8, 1968), p. 15.
	D2	Green, F.B., "The Energetics of Advanced Integrated Wastewater Pond Systems," Doctoral Dissertation, University of California at Berkeley, May, 1998.
	D3	Hall, Thomas. W., Oswald, W.J., Moore, J.M., and Chen, P.H. (1981). "Recovery of Methane from Facultative Sewage Ponds," Report to the University of California Appropriate Technology Program, Project #80-89-4000, Sanitary Engineering and Environmental Health Research Laboratory, University of California, Berkeley, pp. 31.
	D4	Oswald, William J. (1960). "Stabilization and Pond Research and Installation Experiences in California," In: <i>Proceedings of the Symposium on Waste Stabilization Lagoons</i> , Kansas City, Missouri, August 1-5, 1960, pp. 11.
	D5	Oswald, William J. and Golueke, C.G. (1960). "Biological Transformations of Solar Energy," In: <i>Advances in Applied Microbiology</i> , Vol. 2, ed. W.W. Umbreit, Academic Press, Inc., 111 5 <sup>th</sup> Avenue, New York, New York, pp. 42.
	D6	Oswald, William. J., Golueke, C.G., Cooper, R.C., Gee, H.K., and Bronson, J.C. (1963). "Water reclamation, algal production and methane fermentation in waste ponds," <i>International Journal of Air and Water Pollution</i> , Vol. 7, pp. 627-648. Also in: <i>International Conference on Water Pollution Research</i> , London, September 1962, Pergamon Press, Oxford, (1964).

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:	DATE CONSIDERED:

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE



Form PTO-1449  INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>	Attorney Docket No. B215 1010.1	Serial No. 09/552,576
	Applicant Oswald and Green	
	Filing Date April 19, 2000	Group 1724

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, etc.)*

D7	Oswald, William J. (1964). "Advances in stabilization pond design," In: <i>Proceeding of the Third Sanitary Engineering Conference</i> , Vanderbilt University, Nashville, Tennessee, May 25-26, 1964, pp. 18.
D8	Oswald, William J. (1964). "Feasibility of Deep Ponds for the Dan Region Project," in consultation with Tahal Water Planning for Israel Ltd., Dan Region Sewage Reclamation Project, October 9, 1964, pp. 50.
D9	Oswald, William J. (1968). "Advances in Anaerobic Pond Systems Design," In: <i>Advances in Water Quality Improvement</i> , ed. E.F. Gloyna and W.W. Eckenfelder, Jr., University of Texas Press, pp. 409-426.
D10	Oswald, William J. and Ramani, R. (1976). "The Fate of Algae in Receiving Waters," In: <i>Ponds as a Wastewater Treatment Alternative</i> , Eds. Gloyna, E.F. et al., Water Resource Symposium Number Nine, Center for Research in Water Resources, College of Engineering, The University of Texas at Austin, pp. 111-121.
D11	Oswald, William J. (1977). "Municipal Sewage Waste Treatment with Microalgae," In: <i>Proceedings of the Regional Seminar on Microbial Conversion Systems for Food and Fodder Production and Waste Management</i> , Kuwait Institute for Scientific Research (KISR) and Kuwait University, November 12-17, 1977, Kuwait, pp. 213-234.
D12	Oswald, W.J. (1983). "Report On Site Visit To Ahmedabad Experimental Waste Treatment Facilities With Comments On Design Of Extended Aeration Experiments, Proposed Aerated Lagoon System, And Two Possible Alternative Ponding Systems." Report to IBRD, December 1983, 6 tables, 14 figures, pp. 54.
D13	Oswald, William J. (1985). "Advanced Algal Bacterial Systems for Liquid Waste Treatment and Disposal," In: <i>Proceedings of the Second National Symposium on New Proteins and Underexploited Resources</i> , sponsored by Instituto Nacional de Investigacao das Pescas, Lisbon, Portugal, Technical Paper read at the Second National Symposium on New Proteins and Underexploited Resources, Lisbon, Portugal, pp.13.
D14	Oswald, William J. (1986). "The Role of Microalgae in Liquid Waste Treatment and Reclamation," In: <i>Algae and Human Affairs</i> , C.A. Lembi and J.R. Waaland, eds., Cambridge University Press, 32 E. 57th St., New York, New York 10022.

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Form PTO-1449  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		Attorney Docket No. B215 1010.1	Serial No. 09/552,576
		Applicant Oswald and Green	
		Filing Date April 19, 2000	Group 1724
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, etc.)</i>			
	D15	Oswald, William J. (1987). "Preliminary Design Advanced Integrated Ponding System for Izmir, Turkey," pp. 104.	
	D16	Oswald, William J. (1988). "Micro-algae and waste-water treatment" In: <i>Micro-algal Biotechnology</i> , Borowitzka and Borowitzka, (eds.), Cambridge University Press, U.K., pp. 305-328.	
	D17	Oswald, William J. (1988). "Large-scale algal culture systems (engineering aspects)" In: <i>Micro-algal Biotechnology</i> , Borowitzka and Borowitzka, (eds.), Cambridge University Press, U.K., pp. 356-394.	
	D18	Oswald, William J. (1994). "A Syllabus of Advanced Integrated Pond Systems," University of California at Berkeley	
	D19	Swanson Oswald Associates, Inc. (1980). "Evaluation and Report of Biomass to Energy Conversion Proposal by Livestock Systems Management," by Roy Sharp, Tulare, California. Prepared for the California Energy Commission, December 1980, pp. 53.	
	D20	Swanson Oswald Associates, Inc. (1985). "Wastewater Management Study -- City of St. Helena," Engineering report for the City of St. Helena, California, pp. 53.	
	D21	Von Hippel, David F. and Oswald, W.J. (1985). <i>Collection of Methane Evolved from Waste Treatment Ponds</i> , UCB/SEEHRL Report 85-11, University of California, Berkeley, California, pp. 32.	
	D22	Von Hippel, David F. and Oswald, W.J. (1989). "Heating Facultative Ponds To Increase Rates of Gas Evolution: A Step in the Integration of Waste-Treatment and Biomass Energy Production Using Microalgae," Report to the University of California Universitywide Energy Research Group, Sanitary Engineering and Environmental Health Research Laboratory (SEEHRL) Report No. 89-3, College of Engineering and School of Public Health, University of California, Berkeley, CA 94720, pp. 43.	
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			
EXAMINER'S SIGNATURE:		DATE CONSIDERED:	
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## EXPRESS MAIL CERTIFICATE

"Express Mail" mailing label number : EL 984 915 455 US

Date of Deposit : February 3, 2005

Type of Documents : Supplemental Information Submission  
Under 37 C.F.R. §1.97(i) (2 pages) (in  
duplicate);

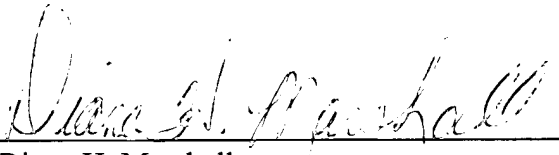
Form PTO-1449 (1 page) with references:  
22 – Other Documents;

Return Postcard

Serial No. : 09/552,576

Filing Date : April 19, 2000

I hereby certify that the documents identified above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and are addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

 (signature)  
Diane H. Marshall